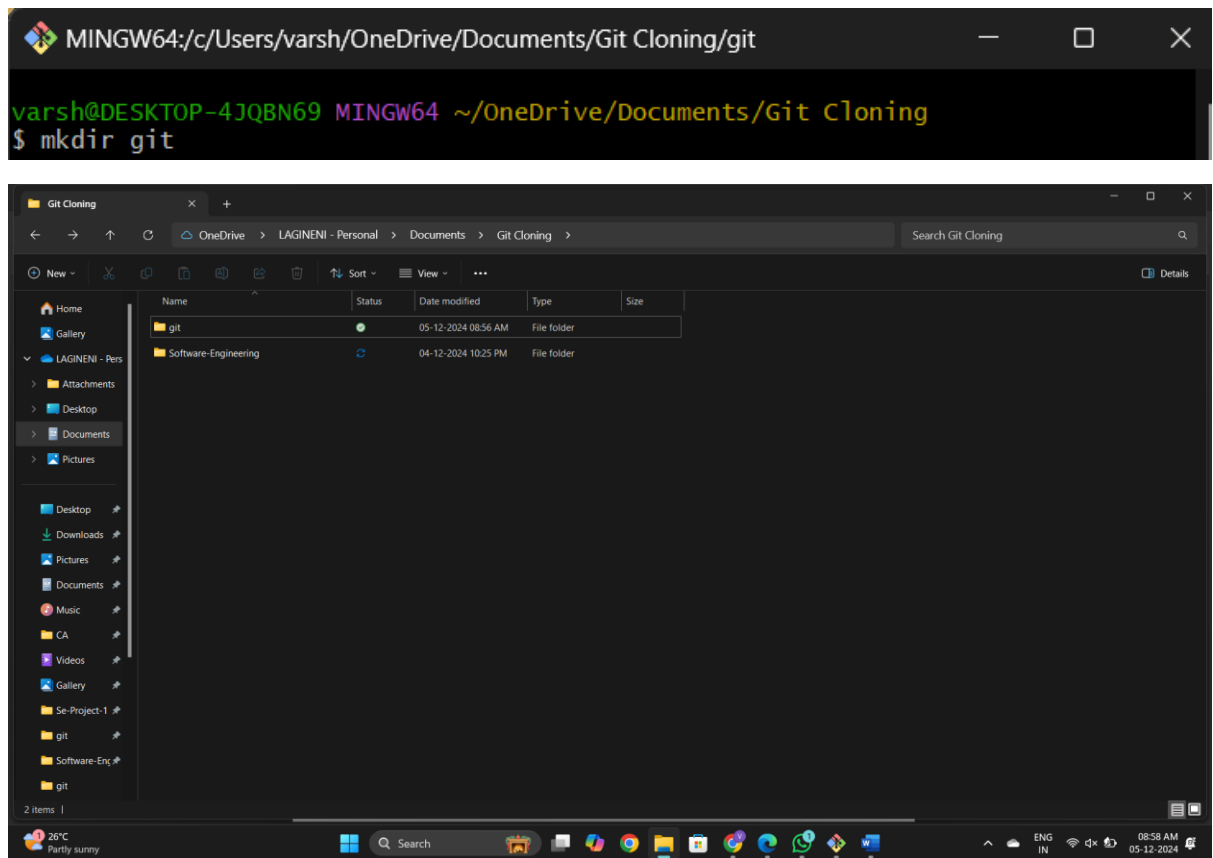
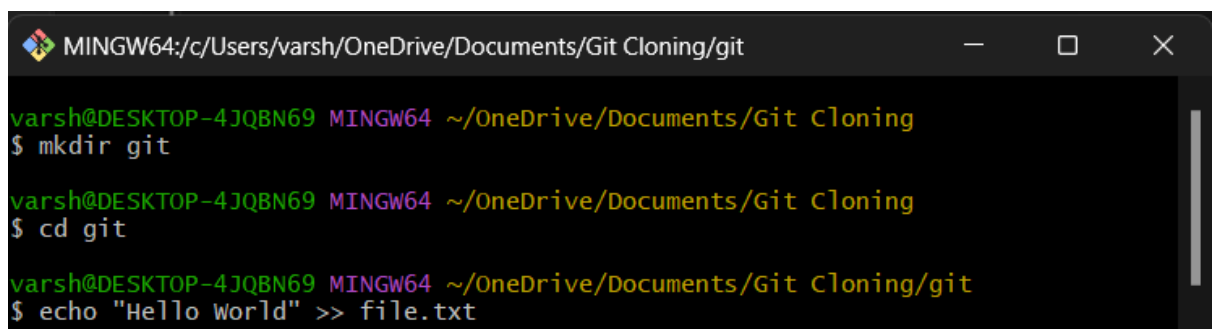


Push in Git:

1. Create one new folder named git using “mkdir git” command.

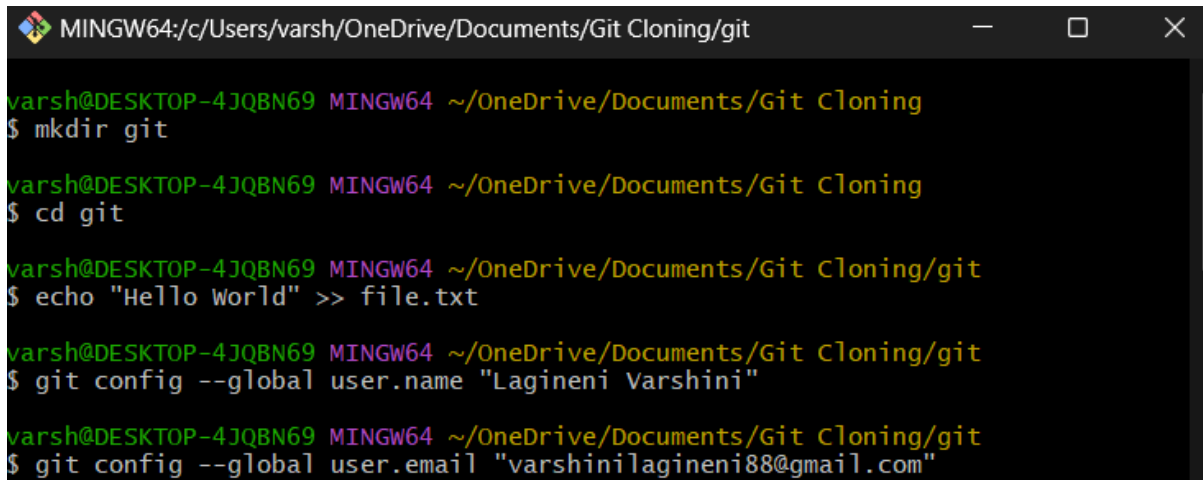


2. Create a new file named file.txt under the new folder using echo “hello world” >> file.txt.



Name	Status	Date modified	Type	Size
file	✓	05-12-2024 08:42 AM	TXT File	1 KB

3. Give username and user email configuration as shown:

A terminal window titled 'MINGW64:/c/Users/varsh/OneDrive/Documents/Git Cloning/git'. The prompt is 'varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning'. The user enters the following commands: 'mkdir git', 'cd git', 'echo "Hello World" >> file.txt', 'git config --global user.name "Lagineni Varshini"', and 'git config --global user.email "varshinilagineni88@gmail.com"'.

```
MINGW64:/c/Users/varsh/OneDrive/Documents/Git Cloning/git
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning
$ mkdir git

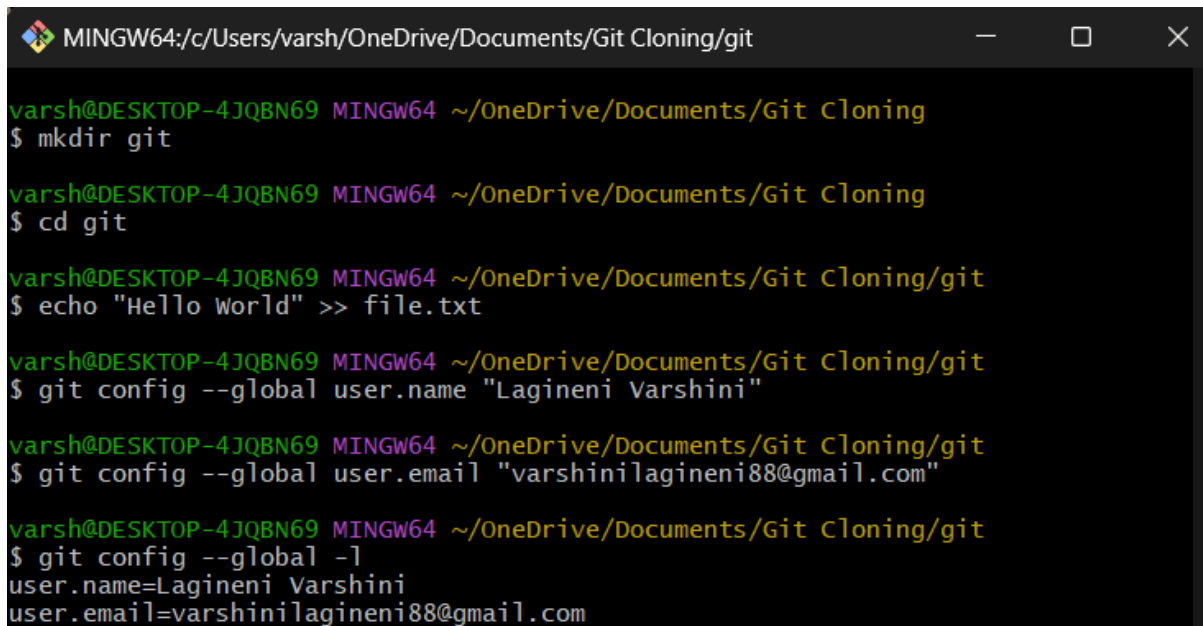
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning
$ cd git

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ echo "Hello World" >> file.txt

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.name "Lagineni Varshini"

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.email "varshinilagineni88@gmail.com"
```

4. Confirm the configuration:

A terminal window titled 'MINGW64:/c/Users/varsh/OneDrive/Documents/Git Cloning/git'. The prompt is 'varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning'. The user enters the same commands as in the previous block, followed by 'git config --global -l'. The output shows the configured user.name and user.email.

```
MINGW64:/c/Users/varsh/OneDrive/Documents/Git Cloning/git
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning
$ mkdir git

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning
$ cd git

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ echo "Hello World" >> file.txt

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.name "Lagineni Varshini"

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.email "varshinilagineni88@gmail.com"

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global -l
user.name=Lagineni Varshini
user.email=varshinilagineni88@gmail.com
```

5. Initialize a New Repository in this folder using git init. Here new repository is git.

```
MINGW64:/c/Users/varsh/OneDrive/Documents/Git Cloning/git
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning
$ cd git
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ echo "Hello World" >> file.txt
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.name "Lagineni Varshini"
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global user.email "varshinilagineni88@gmail.com"
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git config --global -l
user.name=Lagineni Varshini
user.email=varshinilagineni88@gmail.com
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git
$ git init
Initialized empty Git repository in C:/Users/varsh/OneDrive/Documents/Git Cloning/git/.git/
```

6. Type git add file.txt to make the file trackable.

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git add file.txt
warning: in the working copy of 'file.txt', LF will be replaced by CRLF the next time Git touches it
```

7. change the content and give "git commit -m"Good Morning""

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git commit -m"Good Morning"
[master (root-commit) 14a1a07] Good Morning
1 file changed, 1 insertion(+)
create mode 100644 file.txt
```

8. Now check the commit history using git log.

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git log
commit 14a1a07f0be0d6b5b25301d69440454210104a05 (HEAD -> master)
Author: Lagineni Varshini <varshinilagineni88@gmail.com>
Date: Thu Dec 5 08:46:05 2024 +0530

    Good Morning
```

9. Now give name for the repository as test for sample for the pushing file using git remote add.

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git remote add test https://github.com/Varshini-1234/test.git

varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git remote
test
```

10. Change the branch from master to main using git branch -M command.

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (master)
$ git branch -M main
```

11. Type git push -u origin main to push the file to github repository.

```
varsh@DESKTOP-4JQBN69 MINGW64 ~/OneDrive/Documents/Git Cloning/git (main)
$ git push -u test main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 233 bytes | 116.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Varshini-1234/test.git
 * [new branch]      main -> main
branch 'main' set up to track 'test/main'.
```

12. Open github profile and verify the file in the new repository.

